



pt/cg

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/701,674

DATE: 08/26/2002

TIME: 13:40:35

Input Set : A:\pf-0539usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I701674.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.  
 5 LAL, Preeti  
 6 YUE, Henry  
 7 FANG, Y. Tom  
 8 HILLMAN, Jennifer L.  
 9 BANDMAN, Olga  
 10 CORLEY, Neil C.  
 11 GUEGLER, Karl J.  
 12 GORGONE, Gina A.  
 13 BAUGHN, Mariah R.  
 14 PATTERSON, Chandra  
 15 LU, Dyung Aina M.  
 16 <120> TITLE OF INVENTION: PROTEINS REGULATING GENE EXPRESSION  
 17 <130> TITLE FILING NUMBER: PF 0539 P01  
 C--> 21 <140> CURRENT APPLICATION NUMBER: US/09/701,674  
 C--> 22 <141> CURRENT FILING DATE: 2002-08-26  
 23 <150> PRIOR APPLICATION NUMBER: 60/089,029; 60/094,575; 60/104,624  
 W--> 25 <151> PRIOR FILING DATE: 1998-06-12; 1998-07-29; 1998-10-14  
 27 <160> NUMBER OF SEQ ID NOS: 62  
 28 <170> SOFTWARE: PERL Program

Does Not Comply  
 Corrected Filing Date Needed

## ERRORED SEQUENCES

2400 <210> SEQ ID NO: 36  
 2401 <211> LENGTH: 2402  
 2402 <212> TYPE: DNA  
 2403 <213> ORGANISM: Homo sapiens  
 2404 <220> FEATURE:  
 2405 <221> NAME/KEY: misc\_feature  
 2406 <223> OTHER INFORMATION: Incyte Clone No.: 1509715  
 2407 <400> SEQUENCE: 36  
 2410 agcgcggggac aaagggaagc gaagccggag ctgagggggc tttttctgcc cgcggtgtct 60  
 2411 agatctcatt ctttaaggaa tgaagaacta atcttccaaa atgtcaaaaa gaccatctta 120  
 2412 tgcctccact cccacccacg ctcttgcaac acaaatgccc agcacaccag ggttttgtgg 180  
 2413 ctacattcca tacaatcatt tgcctacaa caattacagg ctgggagggg aacccgggca 240  
 2414 ccaacagccg ggtcacggca tctcttggt tcaagattcc aaaaccccca aagccaccag 300  
 2415 ataagccgct gatgcctac atgaggtaca gcagaaaggt ctgggaccaa gttaaaggctt 360  
 2416 ccaacccctga cctaaagttg tgggagattg gcaagattat tggtgccatg tggcgagatc 420  
 2417 tcaatgatga agaaaaacaa gaatttttaa acgaataaga agcagaaaaa atagaqtaca 480  
 2418 atgaatttat gaaagccatc cataattccc ccgcgtacct tgcctacata aatgcaaaaa 540  
 2419 ctctgtgcaga agctgcttta gaggaagaaa gtcgacagag acaatctcgc atggagaaag 600  
 2420 gagaaccgta catgagcatt cagcctgctg aagatccaga tgattatgat gatgctttt 660

place prior  
 application number  
 directly above its  
 filing date

list  
 separately

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```

2421 caatgaagca tacagccacc gcccgtttcc agagaaaaca ccgcctcacc agtgaaatto 720
2422 ttagtgagag tgtggtgcca gacgttccgt cagttgtcac aacagctaga atgcaggctc 780
2423 tcaaacggca ggtccagtc ttaatggttc atcagcgaaa actagaagct gaacttcttc 840
2424 aaatagagga acgacaccag gagaagaaga ggaatttcc ggaaagcaca gattcattta 900
2425 acaatgaact taaaagggtt tgccgtctga aagtagaagt ggatatggag aaaattgcag 960
2426 ctgagattgc acagccagag gaacaggccc gcaaaaaggc ggaggaaaag gagaaggagg 1020
2427 ccgcagagca agctgagcgc agtcagagca gcacgttccc tgaggagaa caagcagcta 1080
2428 acaaaaggca ggagaagaaa gacgacgaga acattccgat ggagacagag gagacacacc 1140
2429 ttgaagaaac aacagagagc caacagaatg gtgaagaagg cagctctact cctgaggaca 1200
2430 aggagagtgg gcaggagggg gtgcacagta tggcagagga aggaaccagt gatagtaaca 1260
2431 ctggctcgga gagcaaccag gcaacagtg aggagccacc aacagatccc ataccagaag 1320
2432 atgagaaaaa agaataagtg ttgccttggt ttgtgtgttc taaatacttt ttttaatgaa 1380
2433 aaaatgtttt ttggttttaa tgggtgtaac tgggttggtt attaatTTTT tttcttgctc 1440
2434 atatcacacc accaaaggct tttggaccat ttageatcat ggcctaatg gctcagtcag 1500
2435 tcacctttct taagtgttgt gaagatggct cttttctttg gatcttggtt ctgacctca 1560
2436 actgtgaaa gccctcagaat ttagattaat tgagaaaaca cccacctctt ttagagaatt 1620
2437 atcctttgat gctgcagaat ctactcttac aatgccttcc tacagctcac tggggtgctt 1680
2438 accaaagcca tagctttaaa ccttccagc cccatcagt agcttctga aagtctctc 1740
2439 tcttgtttac ttctgcaaa ggtagcttct taaaaacgtg atcatgtatg agtatgtatt 1800
2440 tgttcactta ccttttttta cttttaatca atgtcagata ccaagagttg tgttaagctg 1860
2441 agtgtagtgt gtaactaact acacttggat cttactgac cagaaatagt ccccatagtt 1920
2442 aqaqtagtta cttatgaagt gtttattaaa glgaacacag cactatatac ttatctatac 1980
2443 agcttcttgc tttatctaat actgggtatg ttctggtaaa tctatcttca ttgtatagaa 2040
2444 aaaaaat tac ttttttacc ggttttccaa agacagaata gatcagaaag ctcaagggaat 2100
2445 ttaatatctc tgaatggac tagataatc aaactgatta gccattcca gaagaaaaac 2160
2446 agctgggaat taagttaac cacttgaaat tgttttaca taatcagaac atccaaacct 2220
2447 caaggctcag gatcccatag accagagccc accttttga taaacttagt aaagtcttgg 2280
2448 agactagaag caagatagtt tgtgacacat aagcttccca aaaactagaa tagattttta 2340
2449 ctgaatagtg gtatatctga tggtatatgt ttcttaaagg tccaaatgta ataaaaaaaa 2400
E--> 2450 aaaaaaaaaa aaaaaaaaaa
E--> 2451 2418

```

move  
cumulative  
base total  
up one line

FBI

using n of Max

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/701,674

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Input Set : A:\pf-0539usn\_seqlist.txt

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L:21 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:25 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:281 M:283 W: Missing Blank Line separator, <220> field identifier  
L:319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:210  
L:2356 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:2358 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:2360 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:2362 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:2364 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:2366 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:2374 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:2375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0  
L:2376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:60  
L:2389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:840  
L:2390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:900  
L:2391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:960  
L:2392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1020  
L:2393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1080  
L:2394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1140  
L:2395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1200  
L:2396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1260  
L:2397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:1320  
L:2450 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:2418 SEQ:36  
L:2451 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2402 Found:2418 SEQ:36  
L:2480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:660  
L:2481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:720  
L:2482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:780  
L:2483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:840  
L:2697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:2220  
L:2813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:60  
L:2814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:120  
L:2815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:180  
L:3153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:1920  
L:3594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:1200